

ABSTRACT OF THE DISCLOSURE

The cellular phone 1a sends a printing request to the PC 2 using a protocol that is allowed to connect bi-directionally between an internal network and an external network at the firewalls 5a and 5b, the PC 2 uploads a printing job to the file server 4 using a protocol that is allowed to connect only from an internal network to an external network at the firewall 5a, and the printer 3a downloads the printing job to print from the file server 4 using a protocol that is allowed to connect only from an internal network to an external network at the firewall 5b. The present invention enables one to form images of files stored on an image forming data transmission device on a first intranet on an image forming device on a second intranet using a portable terminal and a file server on an external network.